



NEMA-3R Patent-Pending

TYPE: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_

## Luxray™ LED Series

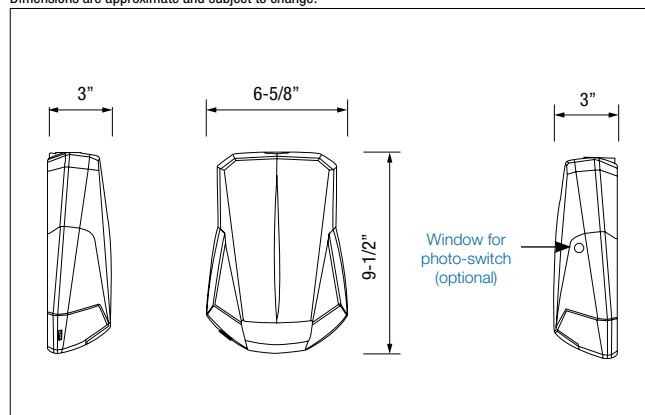
### Low-Profile, Slim Look Light Fixture

#### Features

- Die-Cast aluminum housing, available in four finishes: dark bronze, off-white, black, and platinum gray
- Nema-3R rated for indoor / outdoors wet and Damp Locations: 0-40°C (32-104°F)
- Wall-mount installation on various junction boxes or via rigid conduit
- Patent-pending design for easy installation: wall-mount back-plate includes electrical wire box with snap-on connector
- Patent pending light engine: four power LEDs with redundant connections and very wide beam
- Clear polycarbonate lens of reduced size (3" X 1.5"), shockabsorbent and UV-resistant
- Power consumption in stand-by: less than 5W
- 5-year limited warranty

#### Dimensions

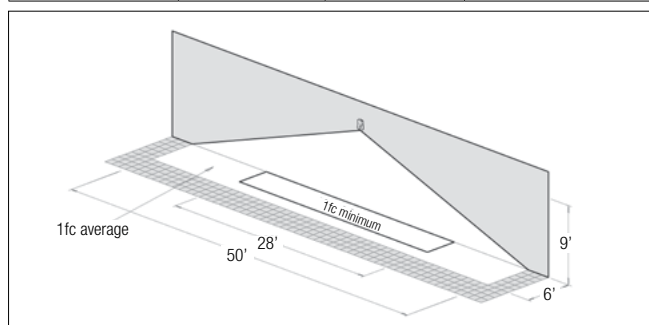
Dimensions are approximate and subject to change.



#### Average of 1 foot-candle

TABLE A: SPACING FOR NFPA101 (AVERAGE = 1FC, SEE NOTE)

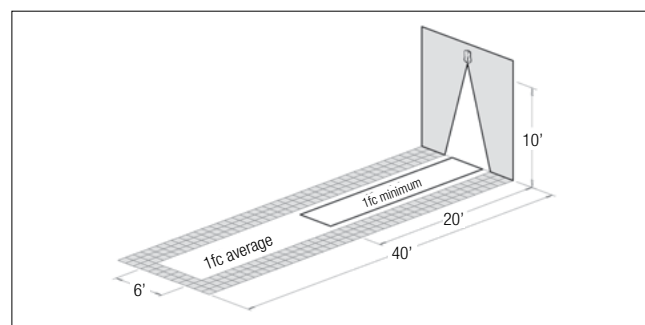
Model Type	Mounting Height	Width X Length (ft)	
		Single Unit	Center-To-Center
Standard	9'	6' X 50'	6' X 50'
With option -H	11'	6' X 60'	6' X 60'
			3' X 70'
With option -FT	12'	6' X 40'	—
With option -FTH	15'	6' X 50'	—



#### Minimum of 1 foot-candle

TABLE B: SPACING FOR MINIMUM ILLUMINATION = 1FC

Model Type	Mounting Height	Width X Length (ft)	
		Single Unit	Center-to-Center
Standard	9'	4' x 28'	4' x 32'
With option -H	11'	4' x 32'	4' x 40'
With option -FT	12'	4' x 22'	—
With option -FTH	15'	4' x 27'	—



#### Power Consumption Chart

Model Type	Normal Lighting (120/277VAC)		Emergency Lighting (120/277VAC)		6-12VDC Remote
	Current (max)	Power (max)	Current (max)	Power (max)	Power (max)
AC, 2AC, ACDC, DC	0.12/0.08A	12W	0.12/0.08A	12W	8W
AC, 2AC, ACDC, DC, -H	0.18/0.11A	18W	0.18/0.11A	18W	14W

\* Note: Only unswitched AC input; normal lighting with photo-switch or remote control

#### How to Order

COLOR	SERIES	MODEL [ -40°F ... +122°F (-40°C ... +50°C)]	OPTIONS
<b>B</b> = Black <b>BZ</b> = Dark bronze <b>OW</b> = Off-white <b>PG</b> = Platinum gray	LUX= Lux-Ray LED	<b>AC</b> = AC-only <b>ACDC</b> = AC/6-12VDC remote <b>DC</b> = 6-12VDC remote fixture <b>2AC</b> = AC-only two circuits: 120/120 or 277/277V	<b>-FT</b> = Forward throw lighting <b>-H</b> = High lumen output (-40... 86°F/-40...30°C) <b>-P</b> = Photocell Test Switch (AC, ACDC only) <b>-RC</b> = Remote control - infrared* (AC, ACDC only) <small>* Remote control keypad (TB-RC1-E) ordered separately</small>

Example: BZLUXDC-FTH

TYPE: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

NOTES: \_\_\_\_\_

NEMA-3R



# Literay™ Series

## Wall Mount Remote Head for Damp and Wet Locations



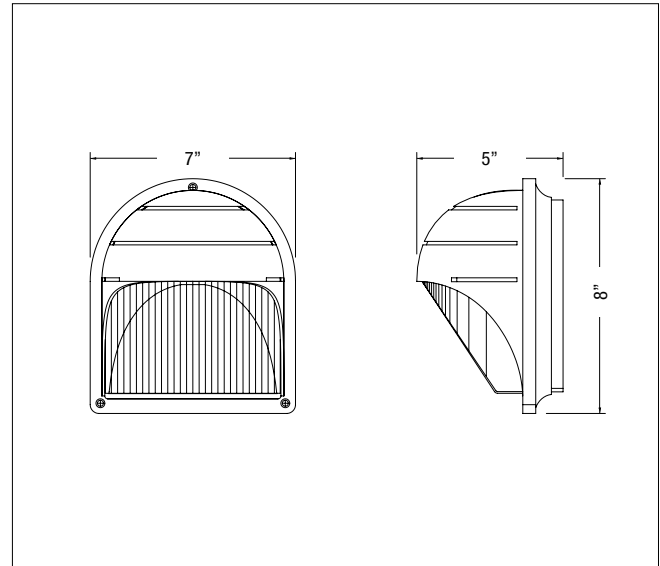
REMOTE FIXTURES

### Features

- Indoor or Outdoor use
- Die-Cast aluminum construction
- Fully gasketed cover available with (optional) Tamper Proof Screws
- Adjustable tool-less aiming swivel head rotates side to side and tilts in and out
- Surface Wall Mount
- Universal knock-outs for mounting to a standard 4" octagonal electrical box
- Precise beam control is provided with two fully adjustable MR16 halogen or LED lamps secured in an attractive molded swivel assembly for maximum light output
- Provides an average of one-foot candle along the path of egress
- Specially manufactured polycarbonate diffuser maximizes light output, and completes the wall sconce's decorative lines
- Available in four textured powder coat paint finishes: white, black, dark bronze and dark gray

### Dimensions

Dimensions are approximate and subject to change.



### How to Order

SERIES	# OF LAMPS	LAMP TYPE/WATTAGE	COLOR	OPTIONS
<b>LITE</b> = Exterior remote	-2= 2 lamps (standard) -1= 1 lamp (AC only)	(LA)= 6V-4W, MR16 LED (LG)= 2V-4W, MR16 LED (LL)= 24V-4W, MR16 LED (LV)= 120V-4W, MR16 LED (LI)= 12V-5W, MR16 LED (LJ)= 12V-6W, MR16 LED (MI)= 6V-6W, MR16 (MJ)= 6V-10W, MR16 (MK)= 12V-12W, MR16 (MD)= 24V-20W, MR16 (MS)= 24V-12W, MR16 (MA)= 12V-20W, MR16 (AC)= 1 med. base socket only (max. 60W), no lamp included, for non-emergency	-WT= White -BK= Black -DG= Dark gray -BZ= Dark bronze	Blank= No options -VR= Vandal-resistant screws -N= Clear lens

Example: **LITE-2(MI)-WT-VR**



# Revelation™ DC-Remote Series

Virtually Invisible, Architecturally Pleasing

TYPE: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

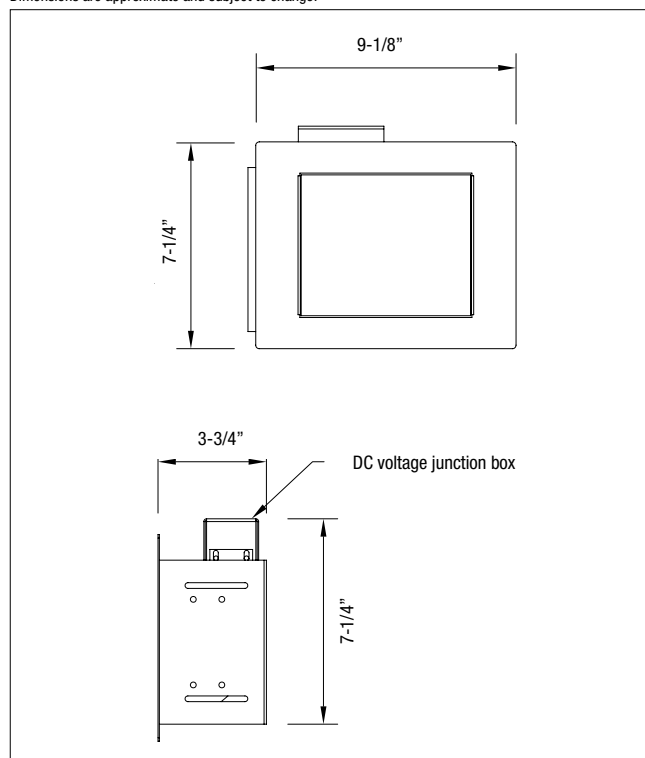
NOTES: \_\_\_\_\_

## Features

- Indoor use
- Two lamp MR16 remote fixture with a choice of halogen or LED lamps
- One-piece all-metal module design (does not require large galvanized steel back box as does the battery back-up unit)
- Complete 360° door rotation, 180° to open, 180° to close
- Slip gear mechanism protects the unit from objects that would cause the door rotation to be forcibly stopped.
- Flat door and frame are covered with a high-quality, powder coated textured off-white finish
- Surface finish can be customized on site with paint, wallpaper or other coverings.
- Recessed ceiling or wall mount with cavity space; special bar hangers for installation in sheet rock or T-bar ceilings are included.
- The module includes the electrical junction box and is installed on the wall stud or ceiling beam with the help of a simple, U-shape bracket.
- Key-hole slot for ease of installation

## Dimensions

Dimensions are approximate and subject to change.



## How to Order

INPUT VOLTAGE	SERIES	# OF LAMPS	LAMP TYPE/WATTAGE	OPTIONS
12= 12VDC 24= 24VDC	RTR= Revelation remote	2= Two lamps standard	-12= 12W MR16 -20= 20W MR16 -35= 35W MR16 -50= 50W MR16 -LG= 12V-4W, MR16 LED -LL= 24V-4W, MR16 LED -LI= 12V-5W, MR16 LED -LJ= 12V-6W, MR16 LED	Blank= No options -DL= Damp Location

Example: 12RTL2-12-DL

TYPE: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

NOTES: \_\_\_\_\_



# Mini-Revelation™ AC Generator Remote Series

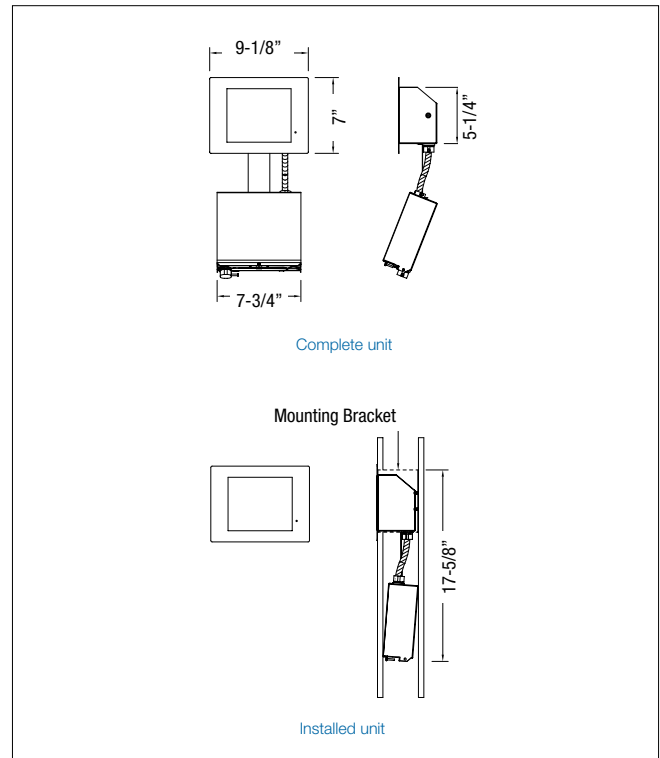
THE UNSEEN SOLUTION  
Virtually Invisible Emergency Lighting

## Features

- 20 gauge galvanized steel back-box
- Head assembly designed for easy access to internal components
- Head assembly door and trim plate powder coated in a white finish
- Finish can be customized on site with paint or wallpaper
- Provision for 2 lighting heads
- Choice of MR16 Halogen or MR16 LED lamp types and wattages
- Complete 360° head assembly door rotation: 180° to open, 180° to close
- Recessed mount into ceiling or wall with cavities
- Special bar hangers included for installation in dry wall or T-bar ceilings
- Includes the electrical junction box
- Installed on the wall stud or ceiling beam with simple, U-shape bracket
- Head assembly includes keyhole slot and quick-connect plugs for easy installation

## Dimensions

Dimensions are approximate and subject to change.



## How to Order

SERIES		AC INPUT	LAMP TYPE/WATTAGE	OPTIONS
MRT	G= Remote AC generator	1= 120 VAC 2= 277 VAC	-2(12)= 12W each head -2(20)= 20W each head -2(35)= 35W each head -2(50)= 50W each head -2(20H)= 20W, high lumen output -2(35H)= 35W, high lumen output -2(50H)= 50W, high lumen output -2(-LG)= 12V-4W, MR16 LED -2(-LJ)= 12V-5W, MR16 LED -2(-LJ)= 12V-6W, MR16 LED	Blank= No options DL= Damp Location

Example: MRTG1-2(20)DL



# Distinction™ EF150, EF150D & EF150T Series

Surface Mounted Designer Light Fixtures

TYPE: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

NOTES: \_\_\_\_\_

## Features

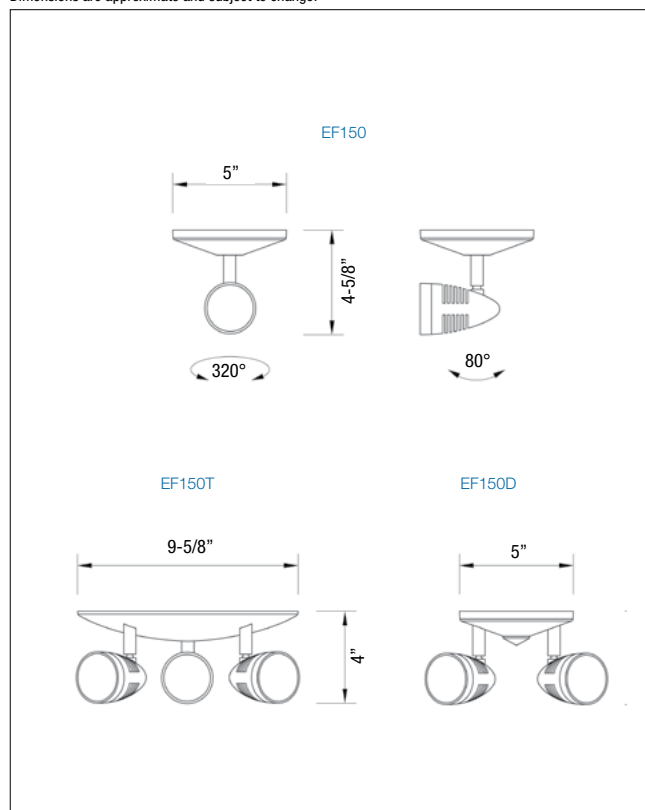
- White or black finish available.
- **EF150:** Single compact adjustable decorative lighting head.  
Dimensions: 4.48" diameter base, 5.2" height
- **EF150D:** Double compact adjustable decorative lighting heads.  
Dimensions: 4.48" diameter base, 4.0" height
- **EF150T:** Triple compact adjustable decorative lighting heads.  
Dimensions: 11.0" diameter base, 5.2" height
- Indoor use
- Die-Cast aluminum
- Fully tool-less adjustable aiming swivel head
- Clear glass lense
- Surface mount
- Includes canopy plate for mounting to a standard 4" octagonal electrical box

## Accessories (order as a separate item)

DESCRIPTION	PART NUMBER
Wire Guard for EF150, EF150D	WG8-E
Wire Guard for EF150T	WG2-E

## Dimensions

Dimensions are approximate and subject to change.



## How to Order

SERIES	# OF HEADS	COLOR	LAMP TYPE/WATTAGE
EF150= Decorative MR16 remote head	Blank= Single head D= Double head T= Triple head	Blank= White -B= Black	(LA)= 6V-4W, MR16 LED (LG)= 12V-4W, MR16 LED (LL)= 24V-4W, MR16 LED (LI)= 12V-5W, MR16 LED (LJ)= 12V-6W, MR16 LED (LV)= 120V-4W, MR16 LED (M_)= Halogen MR16 50W max*

\* See lamp chart for lamp code 50W use heat shield

Example: EF150D-B(MK)

TYPE: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_



# Distinction™ Series

## Remote Recessed Designer Light Fixtures



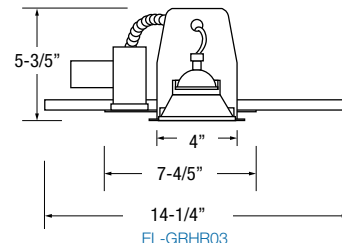
### Features

- Indoor Use
- Powder-coated Die-Cast aluminum construction
- Tool-less lamp head adjust ability
- Glass MR16 lamp lens
- Choice of MR16 Halogen or LED lamp
- Choice of White, Black, Chrome, Brushed Nickel or Polished Brass
- Recessed ceiling mount
- Must order appropriate housing with decorative head selection for installation into new construction ceiling (EL-GRHR03) or insulated ceiling (EL-GRHR06)

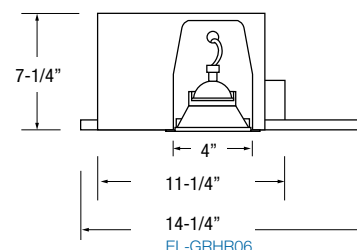
### Dimensions







Dimensions are approximate and subject to change.

New construction housing.  
Total height: 5.6"



Insulated ceilings housing  
Total height: 7.25"



SERIES			LED LAMP SUFFIX	
	EFR2	<b>Description:</b> Decorative pop-up adjustable lighting head <b>Dimensions:</b> 4.0" diameter base <b>Color Suffix:</b> -WH= White, -BK= Black, -CH= Chrome, -PB= Polished brass, -BN= Brushed Nickel <b>Required recessed housing</b>	N/A	
	EFR8NB	<b>Description:</b> Decorative adjustable lighting head <b>Dimensions:</b> 4.0" diameter base <b>Color Suffix:</b> -WH= White or -BN= Brushed nickel <b>Requires recessed housing</b>	<b>LA=</b> 6V-4W, MR16 LED <b>LG=</b> 12V-4W, MR16 LED <b>LL=</b> 24V-4W, MR16 LED	
	EFR8R	<b>Description:</b> Decorative adjustable lighting head <b>Dimensions:</b> 4.0" diameter base <b>Color Suffix:</b> -WH = White or -BN = Brushed nickel <b>Requires recessed housing</b>	<b>LA=</b> 6V-4W, MR16 LED <b>LG=</b> 12V-4W, MR16 LED <b>LL=</b> 24V-4W, MR16 LED	<b>LI=</b> 12V-5W, MR16 LED <b>LJ=</b> 12V-6W, MR16 LED <b>LV=</b> 120V-4W, MR16 LED
	EFR9WH	<b>Description:</b> Decorative adjustable lighting head <b>Dimensions:</b> 4.0" diameter base <b>Color Suffix:</b> -WH = White <b>Requires recessed housing</b>	<b>LA=</b> 6V-4W, MR16 LED <b>LG=</b> 12V-4W, MR16 LED <b>LL=</b> 24V-4W, MR16 LED	<b>LI=</b> 12V-5W, MR16 LED <b>LJ=</b> 12V-6W, MR16 LED <b>LV=</b> 120V-4W, MR16 LED
	EL-GRHR03	<b>Housing Enclosure</b> <b>Description:</b> New construction housing <b>Dimensions:</b> 5.6" x 14.24" <b>New construction housing</b>	-	
	EL-GRHR06	<b>Housing Enclosure</b> <b>Description:</b> Insulated ceilings housing <b>Dimensions:</b> 7.25" x 14.24" <b>Insulated ceilings housing</b>	-	

### How to Order

SERIES	COLOR*	LAMP TYPE/WATTAGE
EFR2 EFR8NB	EFR8R EFR9WH	* Choose color from the above table -(L_) = LED MR16 (see table above)* -(M_) = Halogen MR16*

\* For a complete list of available lamp types, please refer to the lamp data on pages 146-147

Example: EFR8R-BK-(MA)

### HOUSING

EL-GRHR03= New Construction  
 EL-GRHR06= Insulated Ceilings



# Surface Mounted EF9, EF9D & EF9T Series

Thermoplastic PAR 18 Size Lamp Head

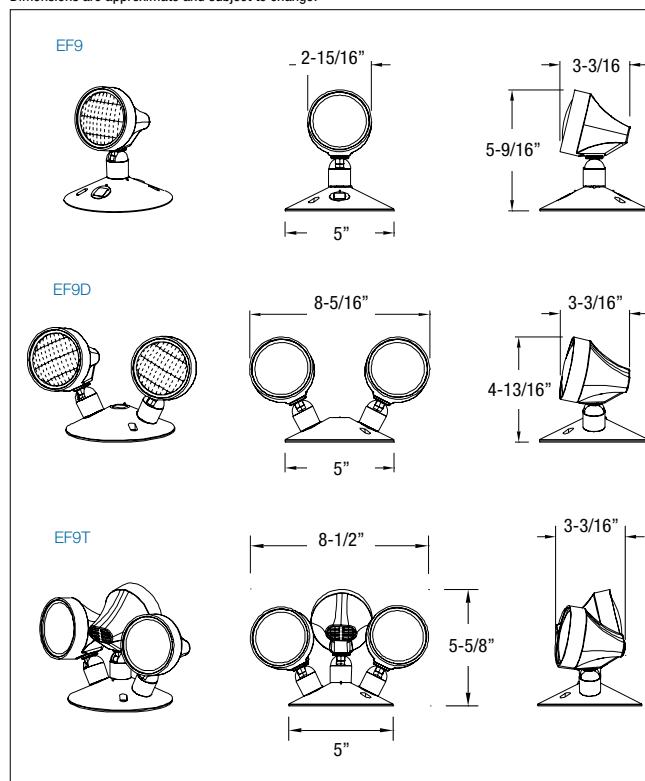
TYPE: \_\_\_\_\_  
CATALOG #: \_\_\_\_\_  
NOTES: \_\_\_\_\_

## Features

- Off-white finish; black (BK) optional
- Surface (wall or ceiling) mounting direct to 4" octagonal or single-gang box
- Lamps (for alternate lamp selection, see lamp data sheet): lamp type H: BI-PIN halogen or lamp type Z: High intensity incandescent wedge base
- Thermoplastic construction
- Indoor use
- Fully adjustable tool-less aiming swivel head
- Specular parabolic reflector and prismatic lens for wide-beam, even light distribution
- Snap-out lens for easy lamp replacement
- Surface mount
- Includes a 5" round universal canopy plate with 3 knock-outs (supplied with 2 plugs) for use with single, double or triple head mounting

## Dimensions

Dimensions are approximate and subject to change.



## How to Order

SERIES	# OF HEADS	LAMPT TYPE/WATTAGE	COLOR
EF9= PAR 18 remote head	Blank= Single head D= Double head T= Triple head	(H)= Halogen bi-pin 12W max* (Z)= Tungsten wedge 18W max*	Blank= Off white BK= Black
* For a complete list of available lamp types, please refer to the lamp data on pages 144-145			

Example: EF9D(HB)BK

TYPE: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_



# Surface Mounted EF10, EF10D & EF10T Series

Thermoplastic MR16 Lamp Head

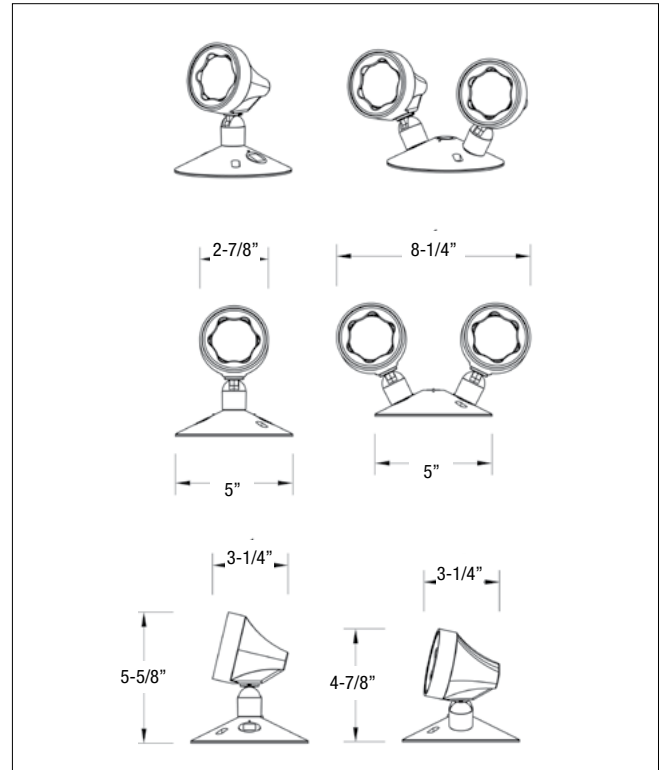


## Features

- Thermoplastic construction with off-white finish; black (BK)
- Direct mounting to 4" octagonal electrical box
- Series M Lamps: MR16
- Indoor use
- Available as a single, double or triple PAR 18 size MR16 lighting head
- Fully adjustable tool less aiming swivel head
- Specular parabolic reflector and prismatic lens for wide-beam, even light distribution
- Snap-out lens for easy lamp replacement.
- Surface Mount
- Includes a 5" round universal canopy plate with 3 knock-outs (supplied with 2 plugs) for use with single, double or triple head mounting

## Dimensions

Dimensions are approximate and subject to change.



## How to Order

SERIES	# OF HEADS	LAMP TYPE/WATTAGE	COLOR
EF10= MR16 PAR18 remote head	Blank= Single head D= Double head T= Triple head	(LA)= 6V-4W, MR16 LED (LG)= 12V-4W, MR16 LED (LL)= 24V-4W, MR16 LED (LI)= 12V-5W, MR16 LED (LJ)= 12V-6W, MR16 LED (M_)= Halogen MR16 20W max*	Blank= Off-white BK= Black

\* 20W Halogen is only available in 12V (MA)

Example: EF10D(LA)BK





# Surface Mounted EF14 Series Remote Fixture

TYPE:	_____
CATALOG #:	_____
NOTES:	_____

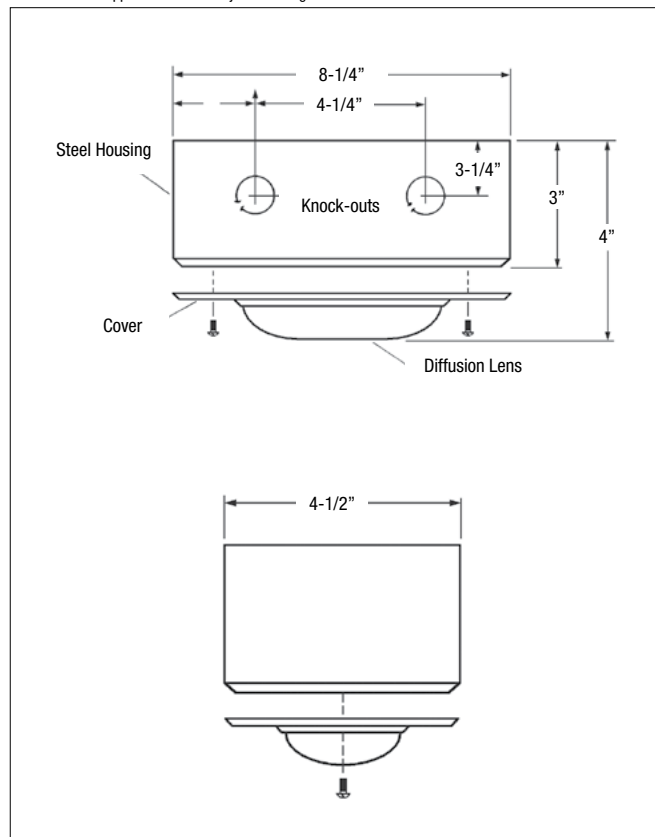
## Features

- Rectangular fixture with diffused polycarbonate lens
- White baked enamel finish (specify other)
- Surface wall or ceiling mounting
- Lamps (for alternate lamp selection, see lamp data sheet page 146-147):  
Series I - High intensity tungsten (HIT) double contact bayonet base

Lamp type(s), voltage and maximum wattage available for fixture are shown under lamp description. Determine lamp type, voltage and wattage required for your application, then select lamp from Lamp Chart in the Charts & Diagrams in the Accessories & General Information Section on page 146-147 section. Do not exceed fixture wattage rating. Include lamp suffix and voltage as suffix to model number. Voltage must be stated.

## Dimensions

Dimensions are approximate and subject to change.



## How to Order

SERIES	LAMP TYPE/WATTAGE	COLOR
EF14= Remote fixture	<p>(I_)= Tungsten double contact bayonet base 25W max, (6, 12, 24 Volts)*</p> <p>(I_)= Tungsten double contact bayonet base 15W max, (120 VAC)*</p> <p>* For a complete list of available lamp types, please refer to the lamp data on pages 146-147</p>	<p><b>Blank</b>= Off white</p> <p><b>BK</b>= Black</p>

Example: EF14(IA)BK

TYPE: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_



# Surface Mounted EF18, EF18D & EF18T Series

Thermoplastic PAR 36 Lamp Head

## Features

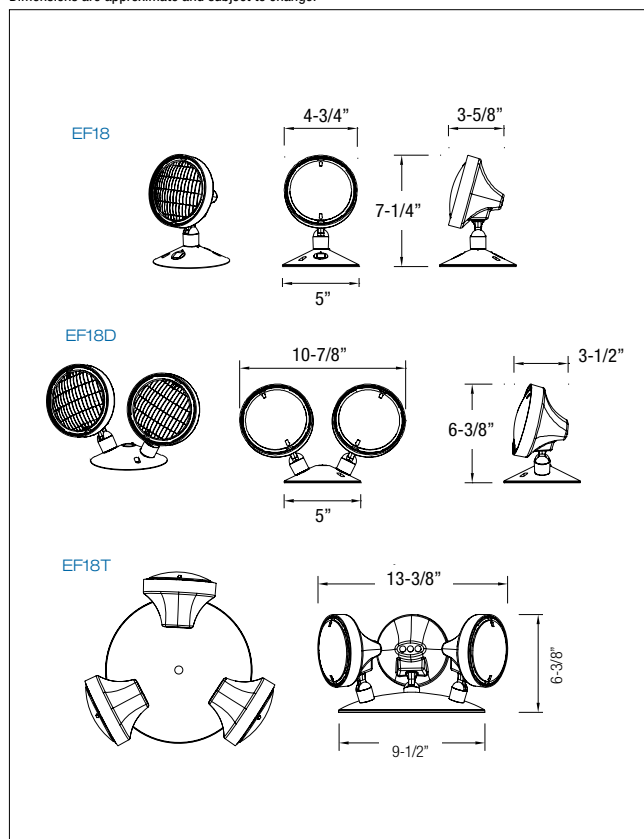
- Thermoplastic construction with off-white finish; black (BK) optional
- Lamps (for alternate lamp selection, see lamp data sheet):  
 Type H: BI-PIN halogen.  
 Type I: High intensity tungsten (HIT) double contact bayonet base.  
 Type U: Sealed beam tungsten.  
 Type X: Sealed beam halogen  
 or Type Z: High intensity incandescent wedge base
- Indoor use
- Available as a single, double or triple PAR 36 size lighting head
- Fully adjustable tool less aiming swivel head
- Specular parabolic reflector and prismatic lens for wide-beam, even light distribution
- Snap-out lens for easy lamp replacement.
- Surface Mount
- Includes a 5" round universal canopy plate with 3 knock-outs (supplied with 2 plugs) for use with single, double or triple head mounting
- Mounts to either a standard 4" octagonal or a single gang electrical box (4-gang plate for EF18T optional)

## Accessories (order as a separate item)

DESCRIPTION	PART NUMBER
Wire Guard	WG9-E

## Dimensions

Dimensions are approximate and subject to change.



## How to Order

SERIES	# OF HEADS	LAMP TYPE/WATTAGE	COLOR
EF18= PAR 36 remote head	Blank= Single head D= Double head T= Triple head	(H)= Halogen bi-pin 20W max* (I)= Tungsten wedge 25W max* (Z)= Tungsten wedge 18W max* (U)= Tungsten sealed beam 30W max* (X)= Halogen sealed beam* 50W max**  * For a complete list of available lamp types, please refer to the lamp data on pages 146-147 ** Use high temp enclosure	Blank= Off white BK= Black

Example: EF18D(ZD)BK



# Surface Mounted EF23 & EF23D Series

Thermoplastic square Lamp Head

TYPE: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

NOTES: \_\_\_\_\_

## Features

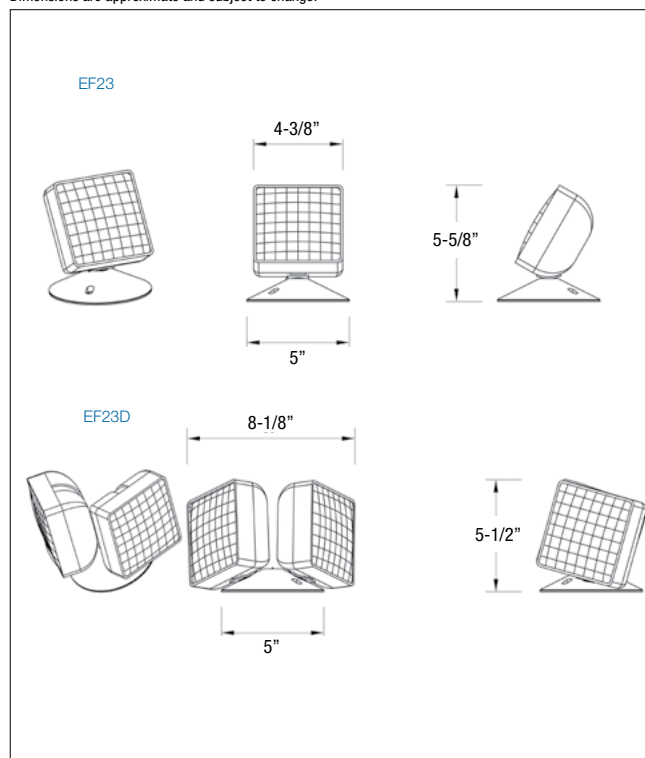
- Thermoplastic construction with off-white or black (BK) finish.
- Available as a single, or double square lighting head
- Fully adjustable tool less aiming swivel
- Specular parabolic reflector and prismatic lens for wide-beam, even light distribution
- Snap-out lens for easy lamp replacement
- Surface Mount
- Mounts to either a standard 4" octagonal or a single gang electrical box. (4-gang plate for EF23D optional)
- Round mounting canopy standard.
- Lamps (for alternate lamp selection, see lamp data sheet):  
Series H: BI-PIN halogen 6, 8 and 12 watt lamps only.  
or Series Z: High intensity incandescent wedge base 5.4, 9 and 12 watt lamps only.

## Accessories (order as a separate item)

DESCRIPTION	PART NUMBER
Wire Guard	WG8-E

## Dimensions

Dimensions are approximate and subject to change.



## How to Order

SERIES	# OF HEADS	LAMP TYPE/WATTAGE	COLOR
EF23= Remote SQ Fixture	Blank= Single head D= Double head	(Z_) = Wedge base, 12W Max, (6, 12, 24 Volts)* (H_) = Bi-pin halogen, 12W max, (6, 12 Volts)*  * For a complete list of available lamp types, please refer to the lamp data on pages 146-147	Blank= Off white BK= Black

Example: EF23D(HB)BK

TYPE: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_



# Surface Mounted EF24 & EF24-2 Series

Surface Mount square

## Features

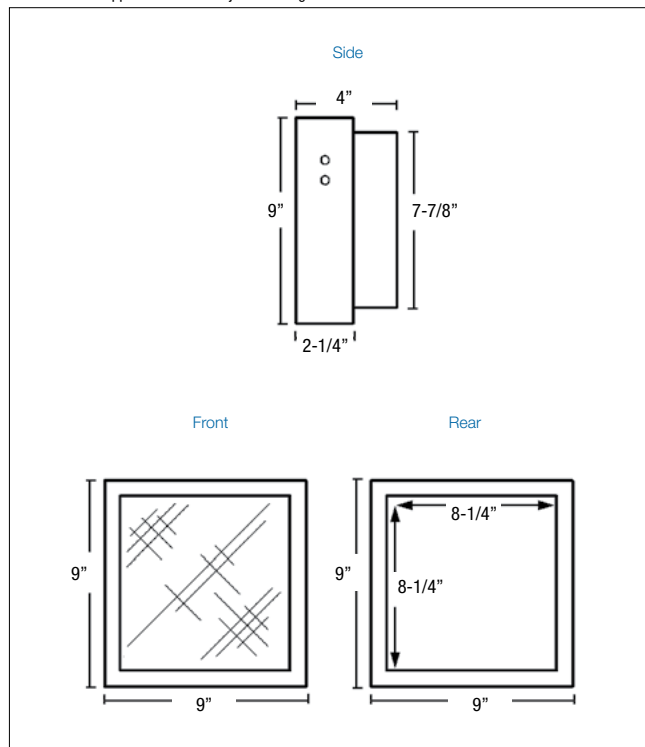
- Decorative square thermoplastic light with prismatic diffusing lens and metal reflector
- Off-white front trim; black back-box
- Dimensions: 9" X 9" X 4" deep
- Surface (wall or ceiling) mounting
- For semi-recessed mounting, order **EF24R**, semi-recessed deep mounting box included (8-1/2" X 8-1/2" X 1-3/4" deep)
- Plated steel reflector for wide-beam, even light distribution
- Snap-out lens for easy lamp replacement
- Lamps (for alternate lamp selection, see lamp data sheet):  
 Type H: Bi-PIN halogen  
 Type I: High intensity tungsten (HIT) double contact bayonet base  
 or Type Z: High intensity incandescent wedge base

## Accessories (order as a separate item)

DESCRIPTION	PART NUMBER
Wire Guard	WG1-E

## Dimensions

Dimensions are approximate and subject to change.



## How to Order

SERIES	LAMP TYPE/WATTAGE
<b>EF24</b> = Remote fixture <b>EF24-2</b> = Remote fixture lamp double*	<b>(Z)</b> = Wedge base, 20W max, (6, 12, 24 Volts)* <b>(H)</b> = Bi-Pin halogen, 20W max, (6, 12 Volts)* <b>(I)</b> = Double contact bayonet, 20W max, (6, 12, 24 Volts)*
*Only available with Bi-pin halogen lamps	* For a complete list of available lamp types, please refer to the lamp data on pages 146-147

Example: **EF24-2(HA)**



# Surface Mounted EF28, EF28D, EF28T & EF28D Series

Aluminum PAR 36 Lamp Head

TYPE: \_\_\_\_\_  
CATALOG #: \_\_\_\_\_  
NOTES: \_\_\_\_\_

## Features

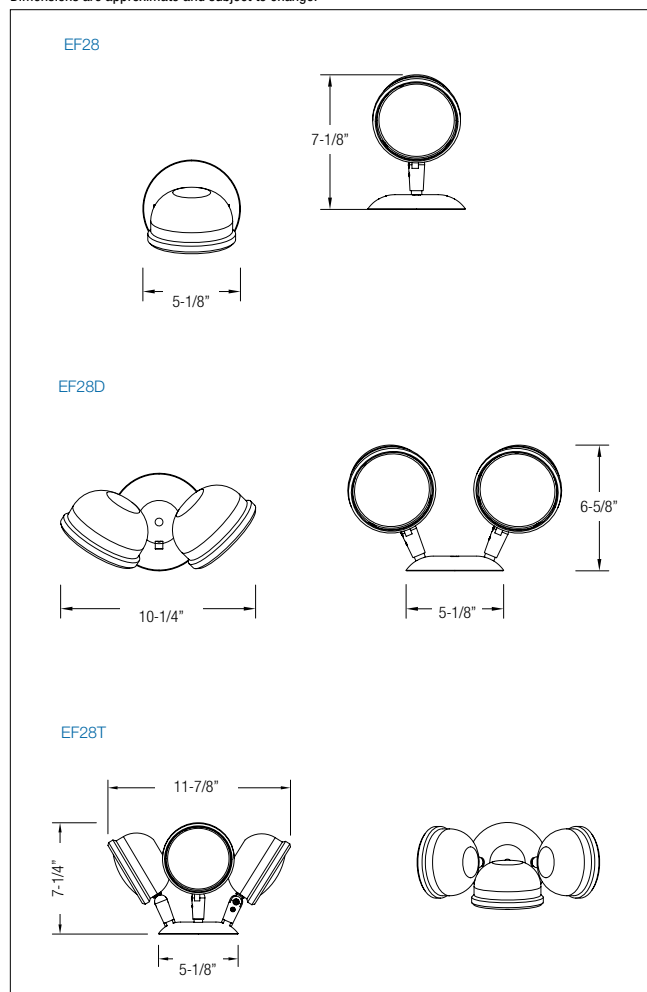
- Single or double metal housing head with fully adjustable swivel
- Spectacular parabolic reflector and prismatic lens for wide-beam, even light distribution
- Include a circular universal canopy plate for mounts a standard 4" octagonal or a single gang electrical box (4-gang plate for EF28T optional. See page 146-147 for detail)
- Chrome finish head (off-white optional)
- EF28: surface mounting; 1 MPC - 1 plate supplied
- EF28D: surface mounting; 3 MPC - 2 plate supplied
- EF28: mounting plate dimensions: 2-1/2" X 4-1/4"
- EF28D: mounting plate dimensions: 6-7/16" X 4-1/2"
- Lamps (for alternate lamp selection, see lamp data sheet):  
Type H: BI-PIN halogen  
Type I: High intensity tungsten (HIT) double contact bayonet base  
Type U: Sealed beam tungsten  
Type X: Sealed beam halogen or Type Z: High intensity incandescent wedge base

## Accessories (order as a separate item)

DESCRIPTION	PART NUMBER
Wire Guard	WG9-E

## Dimensions

Dimensions are approximate and subject to change.



## How to Order

SERIES	# OF HEADS	LAMP TYPE/WATTAGE	COLOR
EF28= Aluminum Remote Fixture	Blank= Single head D= Double head T= Triple head	(Z_) = Wedge base, 18W max, (6, 12, 24 Volts)* (H_) = Bi-pin halogen, 20W max, (6, 12 Volts)* (I_) = Double contact bayonet, 25W max, (6, 12, 24 Volts)* (U_) = Sealed beam incandescent, 30W max, (6, 12 Volts)* (X_) = Sealed beam halogen, 50W max, (6, 12 Volts)*	Blank= Chrome WT= Off-white

\* For a complete list of available lamp types, please refer to the lamp data on pages 146-147

Example: EF28D(ZD)WT

TYPE: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_



# Surface Mounted EF32 & EF32D Series

Aluminum Cylinder Lamp Head



## Features

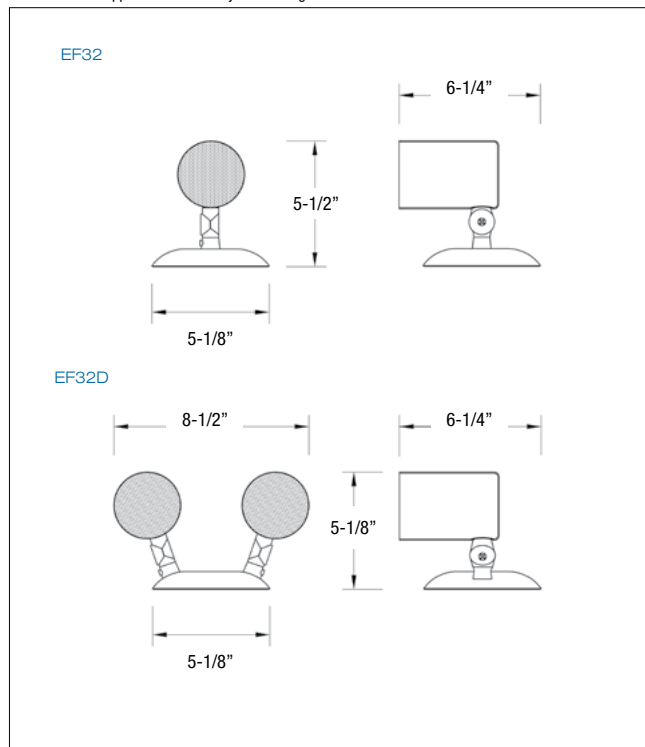
- Single miniature fully adjustable aluminum cylinder complete with matching round mounting plate
- Off-white baked enamel finish standard, black (BK) optional.
- Cylinder dimensions: 3" diameter x 4-1/4"
- Lamps (for alternate lamp selection, see lamp data sheet refer to page 146-147):  
 Series H: BI-PIN halogen 6 or 12 VDC only
- Indoor use
- Fully adjustable aiming swivel head
- Mirror finished reflector and prismatic lens for wide-beam, even light distribution
- Surface mount
- Includes a round universal canopy plate
- Mounts to a standard 4" octagonal electrical box

## Accessories (order as a separate item)

DESCRIPTION	PART NUMBER
Wire Guard	WG8-E

## Dimensions

Dimensions are approximate and subject to change.



## How to Order

SERIES	# OF HEADS	LAMP TYPE/WATTAGE	COLOR
EF32= Remote Fixture	Blank= Single head D= Double head	(H_) = Bi-pin halogen, 20W max, (6, 12 Volts)*  * For a complete list of available lamp types, please refer to the lamp data on pages 146-147	Blank= Off-white BK= Black

Example: EF32D(HB)BK



## Recessed Mounted EF13 Series

Remote Fixture

TYPE: \_\_\_\_\_  
CATALOG #: \_\_\_\_\_  
NOTES: \_\_\_\_\_

### Features

- Rectangular fixture with diffused polycarbonate lens
- White baked enamel finish; black also available
- Recessed wall or ceiling mounting
- Trim plate dimensions: 8-1/4" X 4-1/2"
- Back box dimensions: 6-3/8" X 3" X 2-5/8" deep
- Lamps (for alternate lamp selection, see lamp data sheet on page 144): Series I - High intensity tungsten (HIT) double contact bayonet base

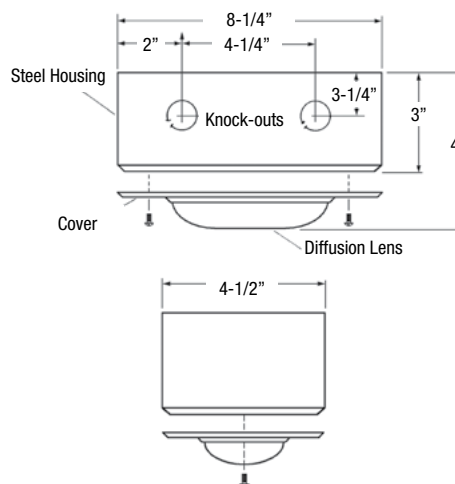
### How to Order

SERIES	LAMP TYPE/WATTAGE	COLOR
EF13= Remote fixture	<p>(L)= tungsten double contact bayonet base 25W max, (6, 12, 24 Volts)*</p> <p>(I)= tungsten double contact bayonet base 15W max, (120 VAC)*</p> <p>* For a complete list of available lamp types, please refer to the lamp data on pages 146-147</p>	<p>Blank= Off-white</p> <p>BK= Black</p>

Example: EF13(IC)BK

### Dimensions

Dimensions are approximate and subject to change.



## Recessed Mounted EF17 Series

Remote Fixture

### Features

- Recessed adjustable eyeball PAR 36.
- Brushed aluminum finish (specify others).
- Recessed wall or ceiling mounting.
- Trim ring dimensions: 8-3/4" diameter.
- Back dimensions: 6-3/4" X 3-1/2" deep.

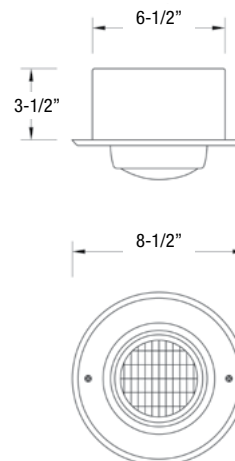
### How to Order

SERIES	LAMP TYPE/WATTAGE	COLOR
EF17= Recessed adjustable eyeball	<p>(Z)= Wedge base, 18W max, (6, 12, 24V)*</p> <p>(H)= Bi-pin halogen, 20W max, (6, 12V)*</p> <p>(I)= Double contact bayonet, 25W max, (6, 12, 24V)*</p> <p>(U)= Sealed beam inc, 30W max, (6, 12V)*</p> <p>(X)= Sealed beam halogen, 50W max, (6, 12V)*</p> <p>NOTE: For a complete list of available lamp types, please refer to the lamp data on pages 146-147</p>	<p>Blank= Aluminum</p> <p>WT= Off-white</p>

Example: EF17(ZL)WT

### Dimensions

Dimensions are approximate and subject to change.



TYPE: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_



# Recessed Mounted EF15 Series

## Remote Gimbal Fixture



### Features

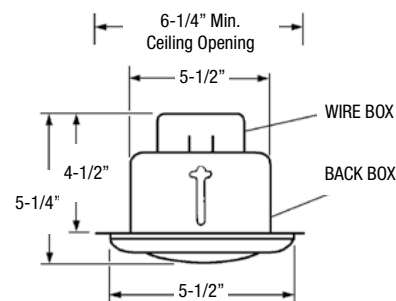
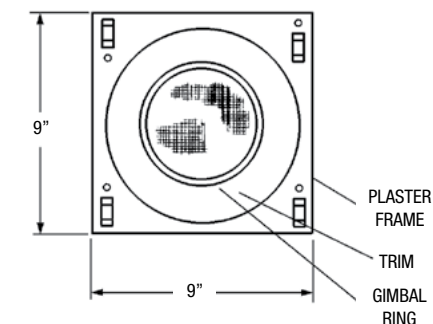
- Indoor use
- A single lamp recessed round Gimbal PAR 36 lighting head
- Lamp has horizontal rotation of 358° and vertical angle adjustable to 42°
- Snapout lens for easy lamp replacement
- Recessed gimbal ring fixture PAR 36 - adjustable in two planes to 45°
- Off-white thermoplastic housing
- Recessed wall or ceiling mounting
- Complete unit, no additional housing needed

### Accessories (order as a separate item)

DESCRIPTION	PART NUMBER
Wire Guard	WG11-E

### Dimensions

Dimensions are approximate and subject to change.



### How to Order

SERIES	LAMP TYPE/WATTAGE	COLOR
EF15= Remote Gimbal Fixture	<p>(Z_) = Wedge base, 18W Max, (6, 12, 24V)*</p> <p>(H_) = Bi-pin halogen, 20W Max, (6, 12V)*</p> <p>(L_) = Double contact bayonet, 25W Max, (6, 12, 24V)*</p> <p>(U_) = Sealed beam incandescent 30W Max, (6, 12V)*</p> <p>(X_) = Sealed beam halogen, 20W Max, (6, 12V)*</p>	<p>Blank= Off-white</p> <p>BK= Black</p>

\* See lamp chart on page 146 for lamp code

Example: EF15(ZD)BK





## Recessed Mounted EF21R Series

Fully Recessed Metal Decorator Square

TYPE: \_\_\_\_\_  
CATALOG #: \_\_\_\_\_  
NOTES: \_\_\_\_\_

### Features

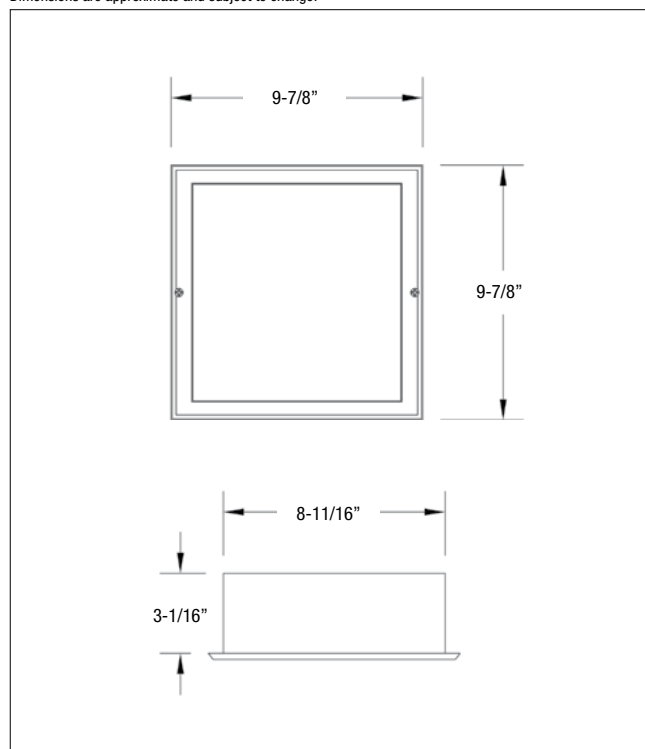
- Fully recessed metal decorator square housing with prismatic diffusing lens and metal reflector
- Off-white baked enamel finish
- Recessed wall or ceiling mounting
- Fully recessed frame, metal construction
- Available as a single, or double lamp lighting head
- Prismatic acrylic lens
- Plated steel reflector for a wide-beam, even light, distribution
- Universal knock-outs to mount a standard 4" octagonal electrical box
- Support bars or rods supplied by others
- Lamps (for alternate lamp selection, see lamp data sheet on page 144):  
Type H: BI-PIN halogen (available at additional cost)  
Type I: High intensity tungsten (HIT) double contact bayonet base  
or Type Z: High intensity incandescent wedge base

### Accessories (order as a separate item)

DESCRIPTION	PART NUMBER
Wire Guard	WG11-E

### Dimensions

Dimensions are approximate and subject to change.



### How to Order

SERIES	LAMP TYPE/WATTAGE
EF21R= Remote recessed metal square decorator fixture	<p>(Z_) = Wedge base, 20W max, (6, 12, 24 Volts)*  (H_) = Bi-pin halogen, 20W max, (6, 12 Volts)*  (L_) = Double contact bayonet, 20W max, (6, 12, 24 Volts)*</p>

\* For a complete list of available lamp types, please refer to the lamp data on pages 146-147

Example: EF21R(ZD)

TYPE: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

NOTES: \_\_\_\_\_



# Recessed Mounted EF35 Series Remote Fixture

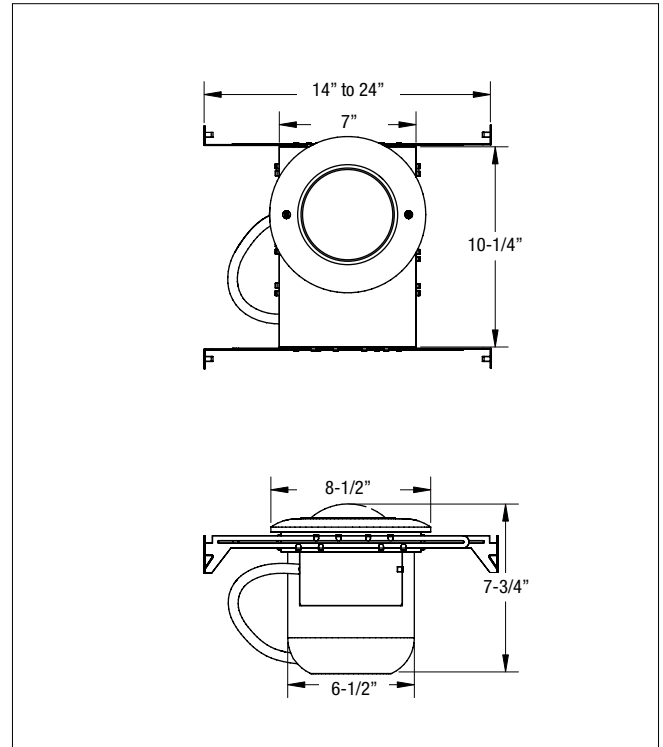


## Features

- Gasketed, fully recessed, with fresnel lens; suitable for Damp locations
- Off-white finish
- Fully recessed ceiling mounting
- Trim: plastic, off-white
- Recessed (wall or ceiling). Plaster frame and standard 4" wire box provided
- Trim ring: 8-1/2" diameter
- EF35 Series: Wedge base incandescent 18W MAX  
Double contact Bayonet base 25W MAX  
Bi-pin halogen 20W MAX
- 6, 12, 24VDC
- Maximum power: 25W low voltage

## Dimensions

Dimensions are approximate and subject to change.



## How to Order

SERIES	LAMP TYPE/WATTAGE
EF35= Remote Metal Fixture	<p>(Z_) = Wedge base, 20W max, (6, 12, 24V)*</p> <p>(H_) = Bi-pin halogen, 20W max, (6, 12V)*</p> <p>(I_) = Double contact bayonet, 20W max, (6, 12, 24V)*</p>
Only available with Bi-pin halogen lamps	* For a complete list of available lamp types, please refer to the lamp data on pages 146-147

Example: EF35(IA)



# Weatherproof EF11, EF11D & EF11T Series

Thermoplastic Weather-Resistant  
PAR 36 Lamp Head

TYPE: \_\_\_\_\_  
CATALOG #: \_\_\_\_\_  
NOTES: \_\_\_\_\_

## Features

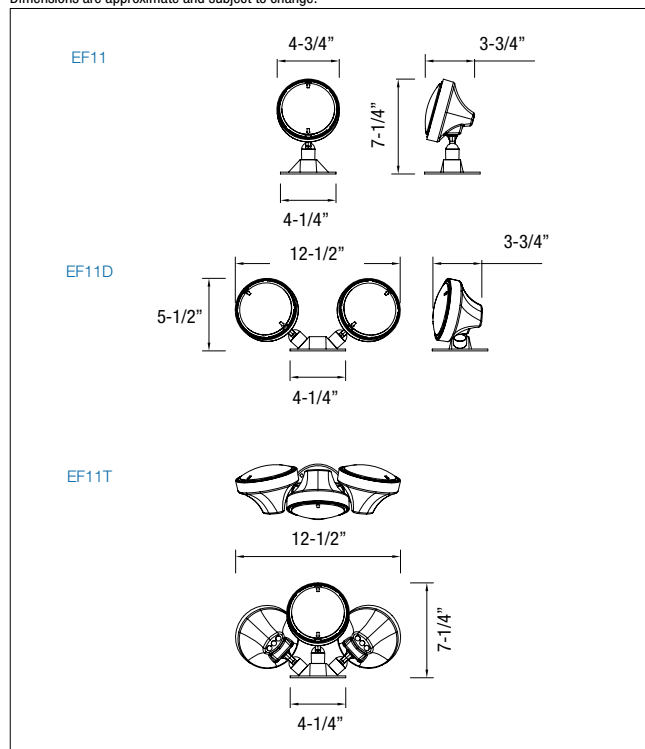
- Outdoor use
- Available as a single, double or triple PAR 36 size lighting head
- Thermoplastic construction with aluminum canopy plate
- Fully adjustable aiming swivel head
- Specular parabolic reflector and prismatic lens for a wide-beam, even light distribution
- Sealed for rain; dust-tight; corrosion resistant
- Off-white, black or gray
- Surface mount
- Mounts to a standard 4" octagonal electrical box

## Accessories (order as a separate item)

DESCRIPTION	PART NUMBER
Wire Guard	WG9-E

## Dimensions

Dimensions are approximate and subject to change.



## How to Order

SERIES	# OF HEADS	LAMP TYPE/WATTAGE	COLOR
EF11= PAR 36 remote head (Weatherproof)	Blank= Single head D= Double heads T= Triple heads	(H_) = Halogen bi-pin 20W max* (L_) = Tungsten wedge 25W max* (Z_) = Tungsten wedge 18W max* (U_) = Tungsten sealed beam 30W max* (X_) = Halogen sealed beam* 50W max**  * For a complete list of available lamp types, please refer to the lamp data on pages 146-147 ** Use high temp enclosure	Blank= Black* WT= Off-white  * XI lamps available in gray only heads

Example: EF11D(HD)WT

TYPE: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_



# Weatherproof EF11X & EF11DX Series

Class I Division 2 Certified Remote Fixture



## Features

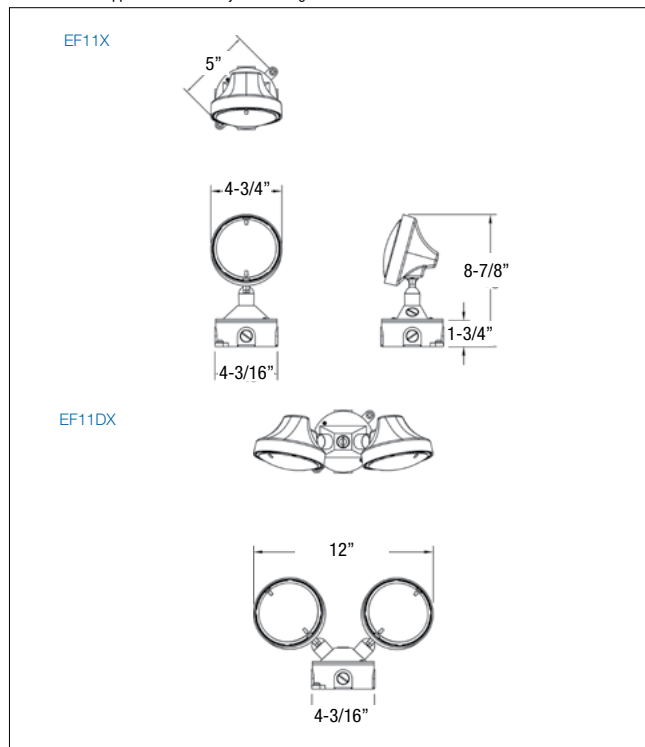
- Class I Division 2 - Groups A, B, C, D
- Single lighting head with fully adjustable swivel with gray lamp heads
- Gasketed aluminum canopy and junction box
- Indoor use
- Available as a single or double PAR 36 size
- Surface mount
- Includes a universal aluminum canopy and junction box
- Conduit entry 1/2" NPT
- Lamps: PAR 36 sealed beam (6 or 12VDC maximum 12W)

## Accessories (order as a separate item)

DESCRIPTION	PART NUMBER
Wire Guard	WG6-E

## Dimensions

Dimensions are approximate and subject to change.



## How to Order

### EF11X SERIES

SERIES	MODEL	LAMP TYPE/WATTAGE
EF11= Hazardous locations Class.I Div.2 Groups A, B, C and D	X= Single head	(XD)= 6V-12W halogen sealed beam (XG)= 12V-12W halogen sealed beam

Example: EF11X(XD)

### EF11DX SERIES

SERIES	MODEL	LAMP TYPE/WATTAGE
EF11= Hazardous locations Class.I Div.2 Groups A, B, C and D	DX= Double head	(XD)= 6V-12W halogen sealed beam (XG)= 12V-12W halogen sealed beam

Example: EF11DX(XG)



NEMA-4X

TYPE: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_

## Survive-All™ EF39 & EF40 Series

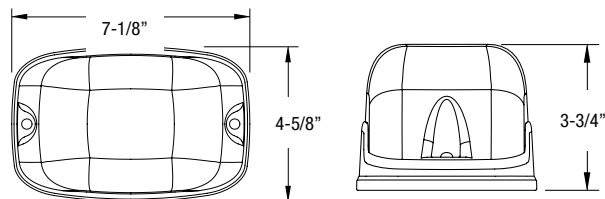
EF39 NEMA-4X & NSF Certified  
 EF40 Vandal Resistant

### Features

- Fully gasketed with a selection of cast aluminum or polycarbonate back plate
- Clear polycarbonate UV and impact resistant lens
- Choice of single or double lamp models
- Available in 6, 12 and 24V models MR16 or LED
- Easy lamp replacement
- EF39 comes standard with tamper-proof screws and bit
- NSF Certified for food processing plants
- NEMA-4X Certified
- EF39P and EF40P require mounting plate option when installed on surface mount junction box
- CSA Certified to C22.2 No. 141
- Suitable for indoor/outdoor installation

### Dimensions

Dimensions are approximate and subject to change.



### Accessories (order as a separate item)

DESCRIPTION	SUFFIX
Additional special bit for tamper-proof screws	690.0454-E

### How to Order EF39 Series

SERIES	LAMP TYPE/WATTAGE		LAMP TYPE	OPTION
<b>EF39P</b> = All polycarbonate single head NEMA-4X	(MI)= 6V-6W, MR16 (MJ)= 6V-10W, MR16	(LA)= 6V-4W, MR16 LED (LG)= 12V-4W, MR16 LED	Blank= White -BK= Black -GY= Gray	SM= Mounting plate
<b>EF39PD</b> = All polycarbonate double head NEMA-4X	(MK)= 12V-12W, MR16 (MS)= 24V-12W, MR16	(LI)= 12V-5W, MR16 LED (LL)= 24V-4W, MR16 LED (LJ)= 12V-6W, MR16 LED		

Example: **EF39P(LG)-BK**

SERIES	LAMP TYPE/WATTAGE		LAMP TYPE
<b>EF39</b> = Die-Cast back plate single head NEMA-4X	(MI)= 6V-6W, MR16 (MJ)= 6V-10W, MR16	(LA)= 6V-4W, MR16 LED (LG)= 12V-4W, MR16 LED	Blank= White -BK= Black -GY= Gray
<b>EF39D</b> = Die-Cast back plate double head NEMA-4X	(MK)= 12V-12W, MR16 (MS)= 24V-12W, MR16 (MD)= 24V-20W, MR16 (MW)= 12V-20W, MR16-IR	(LI)= 12V-5W, MR16 LED (LL)= 24V-4W, MR16 LED (LJ)= 12V-6W, MR16 LED	

Example: **EF39(LG)-BK**

### How to Order EF40 Series

SERIES	LAMP TYPE/WATTAGE		COLOR	OPTIONS
<b>EF40P</b> = All polycarbonate single head for dry locations	(MI)= 6V-6W, MR16 (MJ)= 6V-10W, MR16	(LA)= 6V-4W, MR16 LED (LG)= 12V-4W, MR16 LED	Blank= White -BK= Black -GY= Gray	Blank= No options T= Tamper proof screws SM= Mounting plate
<b>EF40PD</b> = All polycarbonate double head for dry locations	(MK)= 12V-12W, MR16 (MS)= 24V-12W, MR16	(LI)= 12V-5W, MR16 LED (LL)= 24V-4W, MR16 LED (LJ)= 12V-6W, MR16 LED		

Example: **EF40P(MK)**

SERIES	LAMP TYPE/WATTAGE		COLOR	OPTIONS
<b>EF40</b> = Die-Cast back plate single head for dry locations	(MI)= 6V-6W, MR16 (MJ)= 6V-10W, MR16	(LA)= 6V-4W, MR16 LED (LG)= 12V-4W, MR16 LED	Blank= White -BK= Black -GY= Gray	Blank= No options T= Tamper proof screws
<b>EF40D</b> = Die-Cast back plate double head for dry locations	(MK)= 12V-12W, MR16 (MS)= 24V-12W, MR16 (MD)= 24V-20W, MR16 (MW)= 12V-20W, MR16-IR	(LI)= 12V-5W, MR16 LED (LL)= 24V-4W, MR16 LED (LJ)= 12V-6W, MR16 LED		SM= Mounting plate

Example: **EF40D(MD)**

TYPE: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_



# Survive-All™ EF41 Series

## Class I Division II Certified Remote Fixture

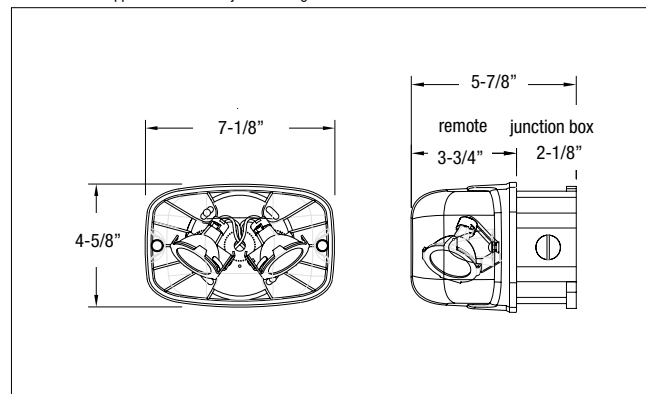


### Features

- Available with single or double lamp heads with high-efficiency MR16 halogen lamps of 10W, 12W or 20W (see How to Order information) and MR16 high-output LEDs (4W, 5W and 6W)
- Die-Cast aluminum back plate with gasket. Clear polycarbonate cover, UV and impact resistant
- Input voltage: 6V, 12V, 24V or 120V
- Easy installation on a 4" octagonal box (included). Comes standard with tamper-proof screws and bit
- Evaluated to UL 844 Standard for Class I Division 2, Groups A, B, C and D. Temperature Codes: T3B (10W and 12W MR16 lamps) and T2C (20W MR16 lamps) and T4A and T5 MR16 LED.
- Extreme operational temperature range: -40°F to +104°F (-40°C to +40°C)
- Indoor use
- Fully adjustable tool-less aiming swivel
- Tool-less easy lamp replacement
- Surface mount
- Conduit entry 1/2" NPT

### Dimensions

Dimensions are approximate and subject to change.



### Lamp Selection Chart and Temperature Code

Lamp Suffix	Voltage	Wattage	Lumens	Replacement #	Temperature Code	Max Temperature
MJ	6	10	74	580.0079-E	T3B	165°C
MK	12	12	80	580.0080-E	T3B	165°C
MW	12	20-H	400	580.0068-E	T2C	230°C
MS	24	12	82	580.0070-E	T3B	165°C
MD	24	20	240	580.0077-E	T2C	230°C
MT	120	20	100	580.0065-E	T2C	230°C
LA	6	4	200	580.0097-E	T4A	120°C
LG	12	4	220	580.0093-E	T5	100°C
LI	12	5	340	580.0104-E	T4A	120°C
LJ	12	6	540	580.0106-E	T4	135°C
LL	24	4	220	580.0098-E	T5	100°C
LW	120	4	230	580.0113-E	T4A	120°C

### How to Order

SERIES	LAMP TYPE/WATTAGE	COLOR
<b>EF41</b> = Single lamp <b>EF41D</b> = Double lamp	<b>(MJ)</b> = 6V-10W, MR16 <b>(MK)</b> = 12V-12W, MR16 <b>(MW)</b> = 12V-20W, MR16-IR <b>(MS)</b> = 24V-12W, MR16 <b>(MD)</b> = 24V-20W, MR16 <b>(MT)</b> = 120VAC/VDC-20W MR16(GU10) <b>(LA)</b> = 6V-4W, MR16 LED <b>(LG)</b> = 12V-4W, MR16 LED <b>(LI)</b> = 12V-5W, MR16 LED <b>(LJ)</b> = 12V-6W, MR16 LED <b>(LL)</b> = 24V-4W, MR16 LED <b>(LW)</b> = 12V-4W, MR16 LED (C/W wires)	-GY= Gray
* Wattage doubles for "D" 2-lamp version		

Example: **EF41(MJ)-GY**